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ABSTRACT

The resource guide to Colorado career education programs offers information on more than 50 school programs, obtained from a number of sources including a statewide assessment instrument administered by the 1974 Colorado State facilitator project and the Colorado Department of Education. It is not intended to be comprehensive. Information concerning the efforts of higher education was obtained through written inquiries to all Colorado postsecondary institutions and was compiled by the Office of the State Coordinator for Career Education. The elementary and secondary school career education programs are described in one-page formats which include: (1) school district, program title, grade level, population, and cost per pupil; (2) objectives, narrative description, and evaluation methods; and (3) availability of materials, special requirements, and information source. Postsecondary institutions were requested to indicate what resources they could provide for school districts or school personnel in career education. Their responses are listed, giving the on- and off-campus courses related to career education, the names of resource people, and any materials or other resources available through that institution. State career education resources are listed separately. A page of information on the 306 ESEA Title III Colorado State Facilitator Project is appended. (Author/AJ)

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RESOURCE GUIDE

TO CAREER EDUCATION IN COLORADO

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Resource Guide to Career Education in Colorado

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INTRODUCTION

This publication is intended to serve as a resource to educators in Colorado interested in career education. It is hoped that the creative work of individual districts, institutions of higher education and other educational agencies will provide a valuable resource to people in career education. It is felt that through a co-operative interchange of ideas, models, practices and materials that career education can progress more rapidly and efficiently in Colorado.

The information in this book is not comprehensive of all career education efforts in Colorado. The information was obtained from a number of sources. The program information was obtained from projects reported through a state-wide assessment instrument administered by the Colorado State Facilitator Project in the Fall of 1974 and through other programs identified by the Colorado Department of Education. The programs reported are those that provided the necessary information on their projects.

Information concerning the efforts of higher education in the area of career education was obtained through written inquiries to all post-secondary institutions in Colorado.

Information of the State Board for Community Colleges and Occupational Education, Colorado Department of Education and Colorado Commission on Higher Education was compiled by the Office of the State Co-ordinator for Career Education.

It is requested that anyone interested in further information on any of the district programs listed first contact the Colorado State Facilitator Project at the address listed below. The State Facilitator Project personnel will help to provide additional information and/or to arrange appropriate exploratory activities for interested districts. Districts and/or agencies now conducting programs or providing services in career education are invited to submit appropriate descriptions to the State Facilitator Project for inclusion in future dissemination activities. A description of the functions of the Colorado State Facilitator Project is included in the appendix.

ESEA TITLE III
COLORADO STATE FACILITATOR PROJECT
830 SOUTH LINCOLN
LONGMONT, COLORADO 80501

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Academy 20
PROGRAM TITLE	Shadow System
GRADE LEVEL	9
POPULATION	40-50 optimum
COST PER PUPIL	not available
OBJECTIVES	1. To build positive student self-concepts 2. To show relevancy of education to success in the world of work 3. To help students develop career interests 4. To motivate students to attend and complete high school 5. To help students better identify a range of vocational interests and abilities.
NARRATIVE	It was felt that high school was frequently too late for students to begin exploration of careers. Many times students get into high school and become involved in programs or courses which really do not interest them. Students frequently feel that their time is being wasted and their choices narrowed by selecting courses too early. The experience offered in 9th grade consists of a week's work experience and a week's experience at El Paso Community College. The student, his parents, and teacher, in a conference, identify some career interests. When a student has decided on his area, his teachers go out in the community and get him a job in that field. The students work for experience only. Alternating with that week is a week of visiting classes at El Paso Community College.
EVALUATION	Teachers visit the students on the job and visit with the student and his/her employer. The student, teacher, employer and parent all fill out evaluation forms. In its second year, the program has proven very successful.
AVAILABILITY OF MATERIALS	Strong-Campbell Interest Inventory; General Aptitude Test Battery
SPECIAL REQUIREMENTS	All parents must sign a permission form. All students must take the interest inventory and aptitude test. Students and parents must attend the pre-work experience conference.
INFORMATION SOURCE	H. Ray Jones, Air Academy Junior High School

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Boulder Valley RE-2
PROGRAM TITLE	
GRADE LEVEL	K-12
POPULATION	21,716 students
COST PER PUPIL	Negligible
OBJECTIVES	To assist in the implementation of Career Education on a building basis and to infuse Career Education into the district curriculum through efforts with the subject area co-ordinators.
NARRATIVE	The original effort included one pilot junior high school and its six feeder elementary schools. Each of the seven schools was in-serviced and has continued to implement Career Education concepts in the past two years. Last year the in-service continued at several other elementary schools and one senior high with intensive follow-up work being continued throughout the district. The 1974-75 school year has included further in-servicing of secondary teachers with follow-up service being provided for all teachers in the district. Sixty to seventy percent of the schools in Boulder are involved at some level.
EVALUATION	The Career Education philosophy is a viable force throughout the Boulder Valley schools. Community support is greater than could have been anticipated and lends tremendous credence to the effort.
AVAILABILITY OF MATERIALS	Descriptive narratives available.
SPECIAL REQUIREMENTS	In-depth in-service
INFORMATION SOURCE	Harrell Guard, Director, Career Education In-Service Boulder Valley Administration Building, Boulder 80302 Mary Goldan, Career Education Counselor, Boulder Valley Schools, P.O. Box 11, Boulder 80302

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Boulder Valley
PROGRAM TITLE	Career Education Units Resource File
GRADE LEVEL	10-12
POPULATION	Boulder HS students
COST PER PUPIL	$ .24
OBJECTIVES	1. To locate Career Education Instructional Units which personnel in the Denver metropolitan area have been developing through Career Education classes, special grants, or through special career education projects during the past two years. 2. To acquire from one to three career-related instructional units for each department at Boulder HS. The over-all number will depend upon the number of units available. 3. To consolidate and file the instructional units in the Library and make them available to each Boulder HS teacher.
NARRATIVE	The purpose of this project is to survey personnel in the secondary schools in the Denver metropolitan area to ascertain which kinds of Career Education instructional units have been developed recently, to seek them out, to reproduce or purchase those units which are available to us, and to consolidate them in a library resource file for use by classroom teachers at Boulder HS. In addition, these materials will be made available for other schools in this area to review and reproduce at their expense.
EVALUATION	Evaluation and achievement of the goals and objectives will be based on the number of school districts, schools and secondary teachers contacted as evidenced by copies of letters written or through a record of telephone calls made to those contacted. Records will be available to indicate which career-related instructional units entered in the HS file will be submitted at the time of the completion of the project (within one year).
AVAILABILITY OF MATERIALS	Materials will be available after September 1975.
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	Norma Hefling and Mary Canatsey Boulder High School

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Cheyenne Mountain
PROGRAM TITLE	
GRADE LEVEL	9
POPULATION	All 185 9th-graders
COST PER PUPIL	No significant additional instructional cost. May want to enlarge media and resources available.
OBJECTIVES	To acquaint the students with a variety of occupations and provide them opportunities to explore in depth two which might be of interest.
NARRATIVE	This 9-10 week program is integrated into the Language Arts program. The two counselors go into the classes of the two 9th-grade English teachers and carry out the program with their co-operation. The Ohio Vocational Interest Survey is given and students receive feedback on areas of high-low interest. Students then complete an extensive personal survey of interests which is locally-developed. Each student then does research on two occupations in terms of preparation, activities, employment opportunities, etc., and spends at least one day on the job, if a site is available. A Career Day featuring community speakers is the culmination of the unit. A resource collection in the Media Center is being developed.
EVALUATION	No formal evaluation has taken place; however, over 98% of the students last year expressed enthusiasm over the program and Career Day. Subjective student feedback has also been good.
AVAILABILITY OF MATERIALS	Copies of the Individual Assessment and Job Assessment are available through the Cheyenne Mountain JHS Counseling Department.
SPECIAL REQUIREMENTS	1. Teachers in a discipline willing to share class time 2. Administration backing for the program 3. Counselors able to deal with the area 4. It would be helpful to have an institution such as the El Paso Community College available as a resource
INFORMATION SOURCE	Leslie Pearce, Cheyenne Mountain JHS Counselor

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Colorado Springs
PROGRAM TITLE	
GRADE LEVEL	K-12
POPULATION	17,881 elementary students; 16,375 secondary students
COST PER PUPIL	$1700 Central Office budget
OBJECTIVES	To provide opportunities which will enable each child to develop self-worth and to become aware of his intellectual, moral, social, creative, vocational, avocational and physic potentials in order to prepare him for accepting the respon bilities of selecting options, making decisions, setting go and evaluating his progress. To provide the child with the opportunity to relate this educational experience to his emerging adult role so that he will become a productive member of society.
NARRATIVE	The Awareness phase is being implemented in grades K-5 and include identification of appropriate and inappropriate behavior, awareness of the needs to get along with others a respect human dignity, recognition of cause and effect rela ships in decision-making, self-awareness, knowledge of skil and implements required to complete occupational tasks, awa ness of jobs within the family and the sphere of immediate community influence. The Exploration phase (6-8) continues the Awareness concepts; greater emphasis is placed on expos to all levels of occupations through people-oriented field trips and exposure to resource people who give "official" d on jobs and "unofficial" data on feelings about jobs. The Experience phase (9-10) provides additional emphasis on inf ation and hands-on real and simulated experiences, stressin sequential planning, adjustment and flexibility. The Prepar tion phase (11-12) provides either entry level or precision skills for chosen jobs. Preparation and placement are pro- vided for either a job or continued higher education.
EVALUATION	No evaluation at present, but will be a part of overall des
AVAILABILITY OF MATERIALS	No materials available at present.
SPECIAL REQUIREMENTS	Career Education people in buildings have good resources i either their libraries or career centers.
INFORMATION SOURCE	William Liddle, Administrative Assistant, Colorado Springs Public Schools

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Delta County 50
PROGRAM TITLE	Development of Social and Occupational Perception
GRADE LEVEL	Junior High School
POPULATION	All Delta County junior high school students
COST PER PUPIL	N/A
OBJECTIVES	1. To develop occupational materials and program them into the framework of the existing curriculum. 2. To develop new and innovative courses which relate directly to social and occupational understanding, adjustment and success. 3. To orient teachers and counselors to the complexities and demands of modern-day business and industry, thereby developing teacher growth and change of methodology. 4. To foster and develop communicative lines of rapport between rural and urban areas through the participation of business, industry and service organizations. 5. To develop scheduling and programs wherein the individual teacher and counselor become jointly involved in the assimilation, development and presentation of occupational information. 6. To develop and program social and occupational attitudinal materials relating to the work-a-day world, thereby creating within the student, teacher, counselor and community an appreciation of all occupations and their place and importance in the world of work, and a comprehensive understanding of the importance of human relations and of the attitudes and personal characteristics necessary for successful adjustment.
NARRATIVE	Programs are structured to promote occupational inquiry, investigation, participation and individual understanding; they are programmed so that they involve both the adult and teen-age populace of the community. The programs are integrated with the present curriculum wherein traditional subject matter can be readily recognized as the vehicle for a variety of meaningful vocations.
EVALUATION	N/A
AVAILABILITY OF MATERIALS	Slide-tape presentations, instructional guides, bulletin board displays, local resource personnel directory, descriptive information on various businesses and industries, supplementary.
SPECIAL REQUIREMENTS	Materials and in-service training of teachers and counselors.
INFORMATION SOURCE	L. Livingston, Delta County School District 50

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Denver Public Schools
PROGRAM TITLE	EPIC
GRADE LEVEL	7-8
POPULATION	All 7th graders in pilot program at Henry JHS in 1974-75
COST PER PUPIL	N/A at present. Supplies will be higher than most programs and cost of labs will be initially as high as $30,000, depending on equipment already available.
OBJECTIVES	To provide pupils with broad-based learnings rather than specific skill training in 10 career cluster areas emphasizing process rather than product.
NARRATIVE	The Exploratory Program in Careers (EPIC) replaces the present 7th and 8th-grade curricula in business education, home economics and industrial education with exploratory "hands-on" activities in the following clusters: Business: Business Communication, Information Processing, and Merchandising Home Economics: Food Management, Design and Production, and Health and Community Service Industrial Education: Construction, Manufacturing, Electricity/ Electronics and Transportation, Visual Communication In grade 7, students become members of the EPIC Company to design and produce goods for sale using script as exchange. 7th-graders also work with the introductory clusters of activities. 8th-grade students will choose 4 nine-week units from the three areas for concentration during their second year in the program.
EVALUATION	The Career Maturity Inventory Instrument is being used in a pre-test and posttest design (McGraw-Hill). Student attitude surveys indicate positive student reaction. DPS Research Department will have data available and analyzed by July, 1975.
AVAILABILITY OF MATERIALS	By May 1975 equipment lists will be available for each of the 10 modules (through Grant Wickard).
SPECIAL REQUIREMENTS	1. A lab or specially-equipped room for each of the modules. 2. Recommended ratio of 25 or fewer students per teacher. 3. One aide per teacher (often senior high students) is recommended. 4. In-service would be essential. DPS staff could possibly provide summer help.
INFORMATION SOURCE	Grant Wickard, Co-ordinator, Career Education Development, DPS

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Denver Public Schools
PROGRAM TITLE	CULE-DPS Corporation
GRADE LEVEL	9, mainly 11-12
POPULATION	All 9th-graders take introductory courses for background. 11th and 12th-graders take active roles.
COST PER PUPIL	No significant cost.
OBJECTIVES	To acquaint students with the entire area of building trades including management, proposal development, related academic skills, related labor skills.
NARRATIVE	The group is a legal corporation run by students in association with the Denver Public Schools at all levels. Students may work in labor or management roles. The corporation contracts with Urban Renewal and other agencies for activities. Union members work with students as well as vocational instructors. Funds earned go partly back into the corporation and partly to pay members for their summer work. Academic topics are taught in relation to business problems. The program is at present in a state of flux (February 1975).
EVALUATION	No formal evaluation. Follow-up studies of former students show that 80% are involved in some related vocation or preparation, such as a union apprenticeship, college students in management or architecture, or employed in the building trades.
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Legal charter 2. Agencies or individuals willing to contract with the corporation 3. Staff and community people with expertise
INFORMATION SOURCE	Arch Jeffries, Manual High School, Denver

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SCHOOL DISTRICT	Denver Public Schools
PROGRAM TITLE	Technical Advisor Program
GRADE LEVEL	10-12
POPULATION	
COST PER PUPIL	Negligible
OBJECTIVES	The purpose is twofold: to provide students with professional contacts that can relate school to career activities and to provide teachers with a chance to find out how their classroom activities relate to business.
NARRATIVE	Six senior high schools in Denver participate in a program that brings people from major companies (Western Electric, Martin-Marietta, Stearns-Rogers, etc.) into the classroom to work with students. An important component of the program is that the classroom teacher spends several days on the job with the business person to see how to better relate classroom activities to career needs. The Denver Chamber of Commerce has been active in this program.
EVALUATION	No formal evaluation. Feedback from business people, teachers and students has been favorable.
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Business people interested and willing to volunteer. 2. A co-ordinating agent to match volunteers to classroom needs.
INFORMATION SOURCE	Grant Wickard, Denver Public Schools

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SCHOOL DISTRICT	Denver Public Schools
PROGRAM TITLE	Executive Intern Program
GRADE LEVEL	11-12
POPULATION	90 students screened on the basis of ability, interest and recommendations
COST PER PUPIL	Negligible
OBJECTIVES	To provide students first-hand experience in executive activities.
NARRATIVE	The selected students are released from classes for one semester, but receive credit for the experience. They are assigned as interns to executive offices in business, government, education or another institution. A co-ordinator provides liaison between the school and the internship. This is part of a national program.
EVALUATION	N/A
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Resource offices willing to serve as sites 2. Staff liaison person
INFORMATION SOURCE	Grant Wickard, Denver Public Schools

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SCHOOL DISTRICT	Denver Public Schools and Jefferson County Public Schools
PROGRAM TITLE	Metro Youth Center
GRADE LEVEL	Ungraded, senior high school
POPULATION	Students who have dropped out of school have first priority; others may be recommended from district high schools.
COST PER PUPIL	Higher than other facilities because of teacher-student ratio of less than 1:10
OBJECTIVES	To improve the future chances for success for drop-outs by helping them complete their secondary education and learn skills to help them obtain employment.
NARRATIVE	This program, originally funded by Title I, is operated at four sites by Jefferson County and Denver Public Schools. The program stresses personalized counseling, vocational training and academic preparation. Students may attend on a part-time or full-time basis; classes are offered in the day or evening; students work at their own rate toward goals of their choosing; course work can be continued during the summer. Small classes and individualized instruction are stressed.
EVALUATION	Each sponsoring district evaluates its portion of the Center. Both evaluations have shown positive results in areas such as the number of students earning credit toward graduation, receiving diplomas or GED Certificates, and student attitudes toward school and work.
AVAILABILITY OF MATERIALS	Instructors develop own materials or modify commercial materials as needed; not available for general distribution.
SPECIAL REQUIREMENTS	1. Separate facility 2. Staff willing to work in non-traditional setting and time-frame 3. Special equipment for some programs
INFORMATION SOURCE	Julian Ray, Jefferson County; Ed Hunt, Denver Public Schools; ESEA Title I Evaluation Report, DPS, 1973-74

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Durango 9-R
PROGRAM TITLE	Our Working World
GRADE LEVEL	K-6
POPULATION	684 students
COST PER PUPIL	$3.50 (supply cost only)
OBJECTIVES	The objective of the career education awareness program as defined by the author Lawrence Senesh is to approach career education as "more than vocational counseling, a harmony of life style, values and job. Not just choosing a job, but what job satisfaction means".
NARRATIVE	The S.R.A. program Our Working World is a social science program which synthesizes several areas and meets curriculum needs in basic structures of sociology, anthropology, geography, history, economics, political science, social psychology and law and career education. In this way the basic social studies program for elementary grades achieves program objectives without adding to the already crowded day of the elementary teacher.
EVALUATION	Needham Elementary is piloting these materials for the Durango District and the evaluation will not be completed until June, 1975.
AVAILABILITY OF MATERIALS	Commercially available
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	Mr. Walter C. Mason, Principal Needham Elementary School P.O. Box 181 Durango, Colorado 81301

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Estes Park
PROGRAM TITLE	
GRADE LEVEL	4-12
POPULATION	Catalogues will be available to teachers of approximately 700 students
COST PER PUPIL	Minimal
OBJECTIVES	To acquaint students with skills and activities of various occupational areas and to better use community resources in the schools.
NARRATIVE	The local Rotary Club catalogued the occupations and community people willing to work with groups of students in four ways: 1. To come to the schools and talk with classes. 2. To work as an "occupational counselor" with individual students or small groups about different occupational areas. 3. To serve as a site for field trips. 4. To provide a site for students to spend some time finding out what sorts of work different fields involve.
EVALUATION	Feedback will be collected on who was involved, how the experience was utilized and what impact the experience had.
AVAILABILITY OF MATERIALS	Copies of the catalogue may be ordered through the Superintendent's Office.
SPECIAL REQUIREMENTS	Community group willing to provide or collect basic information
INFORMATION SOURCE	Mr. Herb Wenger, Superintendent, Estes Park School District

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Harrison 2
PROGRAM TITLE	Development of Life Planning Goals Through Career Education
GRADE LEVEL	K-12
POPULATION	Suburban - mixed ethnic groups, 880 students
COST PER PUPIL	N/A
OBJECTIVES	1. Students will develop an individual strength profile. 2. Students will identify thoughts, feelings and behaviors associated with achievement and motivation. 3. Students will become familiar with a variety of job clusters. 4. HS students will explore in depth three job clusters and will develop long-range and short-term life planning goals.
NARRATIVE	A drop-out statistic of 18.4% indicated a need to develop a program for students that has meaning in everyday life. Motivation to achieve in most of these students is near zero and they feel poorly about themselves. This project helps students at all levels become more aware of their own strengths and relate these strengths to realistic decision-making, goal setting and life planning. It also helps students to internalize the achievement motive. Classroom teachers and counselors team-teach an achievement motivation program, career exploration modules, and a senior high in-depth study in the regular classroom.
EVALUATION	Not available at this time
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	In-service training for all project teachers and counselors and curriculum development by the staff.
INFORMATION SOURCE	ESEA Title III

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	
GRADE LEVEL	K-3
POPULATION	Approximately 800 students in 3 pilot elementary schools
COST PER PUPIL	Resource kit is approximately $500 per classroom (includes materials, tool kit, filmstrips, etc.)
OBJECTIVES	The larger objectives are to increase the student's self-understanding and understanding of the world of work. Sub-objectives are also specified and available.
NARRATIVE	The program is integrated into the curriculum, especially in the Language Arts and Social Studies areas. It is non-graded in approach, but sequenced. Student performance indicators are built into each of the 150 activities. There are six components of the program, each designed around a theme. These are Self-Awareness, The Family, The School, The Community, Selected Workers, and Money as a Medium of Exchange.
EVALUATION	A criterion-referenced test has been developed which will be used in a pre-posttest format. Evaluation is on-going at the pilot schools. Results will be available in Summer of 1975.
AVAILABILITY OF MATERIALS	Not currently available until revision based on evaluation can be determined. Eventually, probably by 1977, printed materials will be available from the District, including the kit inventory.
SPECIAL REQUIREMENTS	1. Limited (2-3 hours) in-service would be helpful 2. Optional field experiences are suggested which might add some cost or require local adaptation
INFORMATION SOURCE	John Radloff, Jefferson County Schools

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	
GRADE LEVEL	Primarily K-6, some 7-12
POPULATION	Approximately 268 students, rural suburban background (Evergreen), mostly Anglo.
COST PER PUPIL	Approximately $100.00
OBJECTIVES	1. To help students acquire a knowledge of community through plotting specific locations of various businesses and professionals in the community on a map. 2. To help students acquire a clear grasp of their own interests and learning styles within the context of the broader community. 3. To help students learn how to plan for and integrate the various factors necessary for having and holding a job. 4. To help students begin applying and passing on apprenticeship experiences to activities at home and school. This should enable students to develop a process for choosing a career through experiencing the career in the real-life setting of the community.
NARRATIVE	Activities include developing a descriptive base of the community, visiting with people and organizations within the community. observing and reflecting on activities throughout the community, and planning and carrying out specifics of individual apprenticeships.
EVALUATION	Extensive communication and documentation through individual and group discussions, topics. logs, diaries, video tapes, movies, photos. This material will be fed back into on-going process of the project, enabling frequent updating of techniques and activities.
AVAILABILITY OF MATERIALS	Depends on the community
SPECIAL REQUIREMENTS	A co-operative community, transportation, audio-visual equipment, a Project Director and Project Historian
INFORMATION SOURCE	ESEA Title III

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	Language, Work and You
GRADE LEVEL	8-9
POPULATION	Elective in grade 8 and required in grade 9
COST PER PUPIL	Comparable to other district units
OBJECTIVES	To provide students with some self-knowledge in relation to career choice and in relation to the communication skills that are needed.
NARRATIVE	These units are 4-5 weeks in length and are offered through the junior high language arts program. Communication skills are related to different occupational clusters. There is an effort to match students' interests, skills and aspirations to the selection of goals, high school classes, and occupational opportunities. Skills such as oral interviews, application forms and information resources for getting a job are also stressed. Attempts are made to bring the community into the school and to get the students into the community.
EVALUATION	The original unit is undergoing revision based on interviews with teachers, counselors and administrators who have worked with the program. The general impact of the program seems to have been one of creating interest and enthusiasm among students.
AVAILABILITY OF MATERIALS	8th and 9th-grade teachers' guides will be available at cost from the district when the revised edition is printed after field testing - probably for the 1976-77 school year.
SPECIAL REQUIREMENTS	In-service would be helpful.
INFORMATION SOURCE	John Radloff and Bob Evans, Jefferson County Schools

3006 Colorado State Facilitators Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	Simulations
GRADE LEVEL	8-9
POPULATION	Pilot-tested in several junior high schools with volunteer teachers
COST PER PUPIL	Varies with simulation
OBJECTIVES	To provide realistic occupational experiences for students in a low-risk setting.
NARRATIVE	Twelve simulations were developed, one for each of twelve occupational areas; six have been piloted. Five are currently being field-tested. Each is designed for approximately 15 class hours of time. They are student-directed, multi-media simulations. Some may be used as mini-courses or integrated into various curriculum areas. Others require special equipment and are best used in an industrial arts setting. The five being tested in the field are Planning Educational Programs (educational cluster), Planning Construction Projects (construction cluster), Operating a Neighborhood Drug-Treatment Center (health/welfare cluster), Operating an Insurance Agency (trade and finance cluster), and Creating an Advertising Campaign (communications cluster).
EVALUATION	The pilot program had pre-posttests, student attitude questionnaires and teacher questionnaires. Data is being analyzed simulation by simulation and is not yet available. Analysis is being done through Ohio State University, a co-developer with Jefferson County.
AVAILABILITY OF MATERIALS	It is likely that the developers will make this available through commercial sources because of the multi-media nature of the simulations.
SPECIAL REQUIREMENTS	Jefferson County staff could provide in-service on the model for local districts.
INFORMATION SOURCE	Bob Blum and John Radloff, Jefferson County Schools

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	Sophomore Orientation for Belonging, Communicating and Searching
GRADE LEVEL	10
POPULATION	600-700 10th-graders in Arvada HS
COST PER PUPIL	Negligible
OBJECTIVES	The purpose of the program is to help the incoming sophomore in developing good relationships, understanding one's own values, accepting the values of others, gaining awareness of school and staff resources, developing decision-making skill and initiating relevant career-life style plans and goals.
NARRATIVE	The Project interfaces the counseling staff with the languag arts teachers in the required Basic Communications Skills course. The program takes one day per week for fourteen wee The counselor for the group meets with half the class on one day and the other half the next day. This gives each studen one hour per week with his/her counselor in a group of 15:1. There are four units to the Project: (1) the development of personal and social skills and the identification of curricu extra-curricular activities; (2) the improvement of interper communication skills; (3) the exploration of values as they relate to personal growth and career planning; (4) the impro ment of decision-making and career exploration.
EVALUATION	Evaluation is under way using a pre-posttest design, periodi questionnaires and opinionnaires, and teacher and student lo
AVAILABILITY OF MATERIALS	A curriculum guide is available at cost through the Arvada H counseling department.
SPECIAL REQUIREMENTS	1. In-service would be most helpful. The Arvada HS staff would be willing to help. 2. An academic department willing to give 14 days in a semester to the program.
INFORMATION SOURCE	Dave Mangrum, Counselor, Arvada HS

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	10th-Grade Planning Course
GRADE LEVEL	10
POPULATION	400 Bear Creek 10-graders
COST PER PUPIL	N/A
OBJECTIVES	To provide students with information and assistance through a quarter course, in an organized and consistent manner, which will enable them to make better career decisions.
NARRATIVE	This nine-week course is taught by classroom teachers under the supervision of the Career Counselor. It begins with a survey of student interests and an analysis of student aptitudes. Student values and attitudes are studied in relation to career choices and an overview of available alternatives examined. Students are encouraged to familiarize themselves with careers and begin setting career goals. These are followed with the development of long-range and short-range goals.
EVALUATION	Evaluation will be by student opinionnaire and follow-through of participating students. The program is in its pilot phase in January-June 1975.
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Counselor with background in Career Education 2. In-service with staff 3. Materials for assessing interests and aptitudes
INFORMATION SOURCE	Raoul Bates, Bear Creek HS

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County Public Schools
PROGRAM TITLE	LAPs
GRADE LEVEL	10-12
POPULATION	Students enrolled in some Warren Tech program areas
COST PER PUPIL	Approximately $15,000 per program area
OBJECTIVES	To provide individualized, sequential materials to enable students to reach job-entry level skills.
NARRATIVE	A program area is broken down into its sequential skills. After the task analysis, sequential learnings are developed to enable the students to acquire competencies in these tasks. The LAPs are being developed at Larimer County Vocational Technical School, Metro Youth Center, Warren Tech and other locations.
EVALUATION	LAPs are continually undergoing field testing for sequence and effect as they are used. The entire program will be evaluated for a full year, but data is not available at this time.
AVAILABILITY OF MATERIALS	Portions of programs will be available the the Fall of 1976. At that time requests can be directed to the Colorado State Facilitator Project or to Jeff Spalsbury.
SPECIAL REQUIREMENTS	1. Required teacher in-service for units 2. Special facilities and equipment depending on the program
INFORMATION SOURCE	Jeff Spalsbury, Individualized Instruction Consortium Project 13300 West Ellsworth Avenue, Golden, Colorado 80401

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County Public Schools
PROGRAM TITLE	Warren Tech Center
GRADE LEVEL	10-12
POPULATION	Over 1,000 senior high students from the Jefferson County high schools may enroll for a morning or an afternoon bloc of 3 hours.
COST PER PUPIL	Varies with the program level. Some require more special equipment than others-
OBJECTIVES	To provide job-entry level skills in a variety of occupational areas through realistic training.
NARRATIVE	There are over 30 programs available with classes and training for specific occupations. Students generally work in small groups or with individualized LAPs to complete their work. Activities are as similar to occupational activities as possible. For example, students in the food service program prepare the cafeteria meals and operate a catering service.
EVALUATION	Evaluation is by program area and is not yet available.
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Most areas need special equipment and facilities 2. Staff must be certified in appropriate areas
INFORMATION SOURCE	Jeff Spalsbury, Individualized Instruction Consortium Project, 13300 West Ellsworth Avenue, Golden, Colorado 80401

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County Public Schools
PROGRAM TITLE	Transition from School to Work
GRADE LEVEL	11-12
POPULATION	Selected classes in 3 high schools (Pomona, Green Mountain, Golden)
COST PER PUPIL	Comparable to other programs
OBJECTIVES	The purpose of the program is to acquaint students with adjustments that may be needed in the transition from school to work and to help them identify resources available to them.
NARRATIVE	This unit requires 4-5 weeks of time and could be offered as a mini-course or integrated into Business, Social Studies or other appropriate curriculum. It is designed to enhance the counseling program by use of a problem-solving approach. The format suggests hypothetical situations and problems in order to let the students work their way through. Socio-drama, in-basket situations, case studies, brainstorming and role-playing are among the techniques applied.
EVALUATION	A criterion-referenced posttest was developed and data is currently being analyzed. Results will be available in late Spring of 1975.
AVAILABILITY OF MATERIALS	Student materials for duplication and a teacher's guide are used, but they are not available for distribution. Pilot-testing and field-testing revisions must first be completed.
SPECIAL REQUIREMENTS	1. Minimal in-service (2 hours) 2. It might be useful for local staffs to develop situations for problem-solving for local needs. This would require some workshop time.
INFORMATION SOURCE	John Radloff, Jefferson County Public Schools

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Littleton School District 6
PROGRAM TITLE	A Sequential Approach to Career Education at the Junior High
GRADE LEVEL	7-9
POPULATION	Approximately 1,000 students at Euclid Junior High School
COST PER PUPIL	Unknown - total grant of $885 plus district funds for Differential Aptitude Test administered to all 8th-graders
OBJECTIVES	To expand presently-existing career education activities into a more comprehensive, unified program wherein each student will gain in self-understanding, develop a positive attitude toward himself and others, and learn to make effective decisions relating to occupational choice, leisure time, citizenship and family life activities.
NARRATIVE	Formulation of the career education learning process begins with an introduction of 7th-graders to group and individual experiences in values clarification. This is followed by exploration of interest areas and emphasis is on success experiences to develop self-confidence. Approximately 150 7th-graders in a school-within-a-school format are involved. Teachers and counselors work together to integrate career education with subject content as well as to provide individual and small-group counseling; the main purpose is to expand self-understanding and add relevance to school life. In 8th grade the emphasis is on discovering individual abilities and how those abilities, interests, values and self-concept relate to various career areas. The Differential Aptitude Test is used to help students discover their strengths and weaknesses. 9th-graders are moved into learning effective decision-making skills, which are exercised in choosing several career areas to explore in depth.
EVALUATION	Evaluative techniques (logbooks, pre- and post-administration of self-concept inventories and rating scales, open-ended questionnaires and student-staff oral evaluative discussions) are directly related to the Project's specific objectives.
AVAILABILITY OF MATERIALS	Availability of materials is unknown at present.
SPECIAL REQUIREMENTS	Familiarity with basic career education concepts, values clarification and decision-making skills and/or short in-service and willingness to learn.
INFORMATION SOURCE	Wilma Pelc, Euclid Junior High School

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Mapleton 1
PROGRAM TITLE	Awareness Opportunities Based on Career Interest
GRADE LEVEL	8
POPULATION	All 8th-grade students
COST PER PUPIL	Minimal
OBJECTIVES	This program is designed to create a structure within which a student may explore and gather information relative to a specific career area.
NARRATIVE	Students involved in this career exploration project are involved in compiling information about a career they have chosen. This information is obtained through interviews with people in that vocation, as well as by obtaining other information on the vocation from varied sources. The exploration is structured around a series of projects that include a report on the way a particular career was chosen, collection of materials about that career, and interviews with people in that career. This work can be done for credit with other classes, such as English and Social Studies.
EVALUATION	Evaluation of students' progress and program done through counselors and classroom teachers.
AVAILABILITY OF MATERIALS	Directional pamphlet available.
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	David R. Turner, Director of Vocational and Adult Education, Mapleton School District

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Meeker Re-1
PROGRAM TITLE	Vocational Exploration
GRADE LEVEL	9-12
POPULATION	About 50 students each year, primarily 11 and 12
COST PER PUPIL	Initially about $20 for very limited supervision; now about $200 for half-time supervisor.
OBJECTIVES	To make students aware of the nature of work in general and of certain jobs in particular.
NARRATIVE	Students apply for and work in varied occupations in the community during school hours for high school credit (no pay), for an average of 1 hour daily. They are to learn as much as they can about the occupation while working at it and to practice good work habits. The employer and the Vocational Exploration Supervisor jointly assign grades.
EVALUATION	N/A
AVAILABILITY OF MATERIALS	none required
SPECIAL REQUIREMENTS	Co-operation of local businesses
INFORMATION SOURCE	Paul Starbuck, Vocational Exploration Supervisor Meeker High School Box 159, Meeker, Colorado 81641

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Meeker RE-1
PROGRAM TITLE	Integrated Career Development Curriculum
GRADE LEVEL	9-12
POPULATION	230 students
COST PER PUPIL	Approximately $10.00 - materials cost only
OBJECTIVES	1. Competencies in skills basic to all occupations 2. Career awareness 3. Self-awareness 4. Career decision-making
NARRATIVE	The ICDC was a curriculum development project of the Western States Small Schools Project. It developed a career curriculum concept and supporting materials contained in over 200 individual packages (2-30 pages each). These materials were designed to be integrated into regular classes or to be used for separate classes or independent study.
EVALUATION	Materials were piloted in a number of schools, revised in some instances, and a limited evaluation was done in each school using the materials.
AVAILABILITY OF MATERIALS	Meeker School District has copies of all materials which can be duplicated by electronic stencil and mimeographed at cost.
SPECIAL REQUIREMENTS	N/A
INFORMATION SOURCE	Mr. Robert E. King, Superintendent Meeker School District RE-1 Box 1084 Meeker, Colorado 81641

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Monte Vista
PROGRAM TITLE	Program in Career Opportunities (PICO)
GRADE LEVEL	Primarily 7-8
POPULATION	
COST PER PUPIL	Depends on specific material produced
OBJECTIVES	1. To produce curriculum materials on locally or regionally available career areas about which little information is available through traditional school guidance offices. 2. To collect materials to assist local teachers to develop Career Education concepts and incorporate them into existing curriculum.
NARRATIVE	PICO staff primarily identify locally available career opportunities and produce Career Information Learning Activity Packets relating to these opportunities. Packets are inexpensive to produce, and it is hoped they will serve as a model to encourage teachers to develop similar packets in areas of their interest related to their curricula. The staff also maintain a Career Information Center to obtain materials to help teachers develop curricula incorporating career education. Money has recently been received from a private foundation to develop both classroom and adult model career education programs during the next three years.
EVALUATION	Initial field testing of materials developed during the 1973-74 school year indicate that both teachers and students enjoy this type of activity in the classroom.
AVAILABILITY OF MATERIALS	Sample packets can be obtained through the Colorado State Facilitator Project.
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	R.C. Richmond, Supervisor of Special Projects Monte Vista Public Schools Monte Vista, Colorado 81144

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Montrose County RE-1J
PROGRAM TITLE	
GRADE LEVEL	9-12
POPULATION	Approximately 300 students, one-third of student body
COST PER PUPIL	Total - salary for one full-time co-ordinator
OBJECTIVES	The program is intended to provide students with skills to obtain and maintain employment, as well as with the opportunity to work.
NARRATIVE	All 9th-grade students take a six-week introductory course as a part of their Social Studies program. This covers some of the major aspects of skills needed to get a job (interviews, records, etc.) and skills to maintain one (responsibility, job ethics, etc.). Students are then eligible to participate in the Placement Program. Students work in various places around the community to become acquainted with operations and functions of different businesses and roles. A staff co-ordinator serves as liaison between the school and the community.
EVALUATION	No formal evaluation. Subjective reaction has been positive. Training sites have increased from 200 to 300.
AVAILABILITY OF MATERIALS	A Project Handbook is available through Mr. Nauyokas.
SPECIAL REQUIREMENTS	1. A co-ordinator with an 11-month contract for placement and liaison. 2. In-service for Social Studies instructors. 3. Community interest and co-operation.
INFORMATION SOURCE	Frank Nauyokas, Director of Curriculum, Montrose Schools

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Montrose County and South Conejos Re 10
PROGRAM TITLE	Satellite Technology Demonstration Project
GRADE LEVEL	7-9
POPULATION	Primarily rural
COST PER PUPIL	Special equipment costs
OBJECTIVES	To provide students with exposure to a variety of occupations and clusters that are not easily accessible to rural areas.
NARRATIVE	The Satellite Technology Program has three components. Students receive information and special programs by satellite. Some buildings have equipment for student response so that a dialogue can be carried on. There is also a teacher in-service component with both materials and programs. Finally, there is a community-oriented component dealing with opportunities in small businesses, rural areas, etc.
EVALUATION	Close monitoring of both content and process by a group led by Marvin Eakes, Colorado Department of Education, Denver.
AVAILABILITY OF MATERIALS	Contact Marvin Eakes, CDE
SPECIAL REQUIREMENTS	1. Special receiver, recorder, tapes and other equipment 2. Special staff member with duties beyond usual assignment
INFORMATION SOURCE	Frank Nauyokas, Director of Curriculum, Montrose County School District

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Northeast BOCS
PROGRAM TITLE	
GRADE LEVEL	K-Adult, with primary emphasis on K-12
POPULATION	10,000 K-12 students from 40 schools within 14 districts
COST PER PUPIL	Approximately $20.00
OBJECTIVES	To held each student within a 7,500 square mile area of Northeast Colorado to achieve a satisfactory, rewarding and useful life in the world of work.
NARRATIVE	The Project has sought to infuse career concepts and goals into all levels of the K-12 curriculum. In-service activities in all 14 districts has been an important factor. Many instructors are implementing career education in their classrooms through innovative ways which are being shared with other instructors through classroom visitations, a monthly newsletter and other printed materials. At the high school level schools have extended the classroom into the community through on-the-job work experience stations and community resources in the classroom. The Project has worked with some post-high school and adult students.
EVALUATION	On-going and periodic evaluations and assessments are performed by students, staff members, local school administrators and accountability groups.
AVAILABILITY OF MATERIALS	Considerable material has been developed for in-service, counselors, teachers and advisory council members. A list of materials and cost is available upon request from the State Facilitator Project.
SPECIAL REQUIREMENTS	1. BOCS Career Co-ordinator 2. Career Co-ordinator in each district 3. Building representative in each building 4. Career Cadre in each district
INFORMATION SOURCE	Al Renzelman, Co-ordinator, Career Education, Northeast BOCS, Haxtun, Colorado 80731

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Northglenn-Thornton 12
PROGRAM TITLE	
GRADE LEVEL	K-9
POPULATION	Approximately 2,000 students are involved
COST PER PUPIL	Not available
OBJECTIVES	Career Education is on a building basis at present; development of district scope and sequence is in progress.
NARRATIVE	Some involvement at two elementary schools (awareness phase), but major development has taken place at the junior high level (one pilot school) and is being expanded to other junior high schools. The staff from the pilot junior high will be used as an in-service cadre. The curriculum is teacher-developed for integration into various subject areas; consequently, it varies widely. The stress is on the process of Career Education rather than on curriculum products.
EVALUATION	Internal
AVAILABILITY OF MATERIALS	Limited commercial but good teacher-developed materials
SPECIAL REQUIREMENTS	In-depth in-service
INFORMATION SOURCE	Betty Cooke, District Career Education Director 303-451-1151

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Poudre R-1
PROGRAM TITLE	You and Your Future
GRADE LEVEL	9
POPULATION	145 9th-grade pupils of random socio-economic and ethnic grouping, ranging in age from 13 to 16.
COST PER PUPIL	Approximately $5.00 above normal classroom expenses (includes extra materials given to students and field trips).
OBJECTIVES	The basic goal is to enable the student to make more realisti decisions regarding the world of work and its effect upon his/her life style and happiness. The immediate goal of high school course selection is also pursued.
NARRATIVE	This course was designed as a pilot program to offer an inten sive career education course for 1 quarter to 9th-grade pupil Value clarification, self-awareness and self-inventory are emphasized first. Then the area of occupational information is introduced; its use and scope are explored in relation to students' heightened self-awareness. Post-high school option are examined; cost, difficulty and time requirements are pre-sented with a tour of the Vocational Technical Center given a the end of this segment. Specific areas such as interview techniques, public relations concepts, and other related sub-jects are covered. The course concludes with the preparation of a 3-year high school plan plus a visit to a community volu teer who interacts with the student on a 1-1 basis about his/ her job.
EVALUATION	At the end of each quarter, students are given the opportunit to evaluate, by degree, what they learned relative to their pre-course expectations. The instrument offers opportunity f comments. Evaluations have been very positive for continuing and improving the program.
AVAILABILITY OF MATERIALS	Materials used are available on a limited basis as no central text or source is used.
SPECIAL REQUIREMENTS	Currently, the only two special requirements are that the student indicate an interest in the course and that it be taught by someone sincerely interested and dedicated to dispensing this type of information.
INFORMATION SOURCE	Ron Stoll, Counselor, Belvins JHS, Fort Collins, Colorado 80

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Pueblo 60, Pueblo 70, Rocky Ford R2, Canon City RE-1, Florence RE-2
PROGRAM TITLE	Career Education In-Service
GRADE LEVEL	K-12
POPULATION	K-12 teachers
COST PER PUPIL	Teachers are assessed a $30 fee to cover awarding and recording costs for 6 hours of graduate credit from SCSC or WSC. Total Project funding - $38,890.00
OBJECTIVES	1. Identify and establish local Career Education Co-ordinating Councils in the 5 participating districts; establish an atmosphere within which the Council is a viable organization for the implementation of Career Education in the districts. 2. Provide for in-service workshops for staff members, particularly in the Rocky Ford, Canon City and Florence districts. 3. Assist curriculum writing teams, primarily in Pueblo 60 and 70, to include Career Education concepts in the development of new or revised curriculum programs. 4. Organize and index careerpacs and develop a systematic method for the dissemination and evaluation of these materials. 5. Develop and organize community involvement and support by establishing community resource files and a system to enable teacher utilization of community resources.
NARRATIVE	This program is a continuation of programs funded through the CDE and SBCCOE that were addressed primarily to the in-servicing of personnel in the Career Education concept. Though allowing for continued in-service as needed, this program is focusing on the identification and utilization of local community resources, on the inclusion of Career Education concepts in the K-12 curriculum, and the establishment of systems concerning community resources and materials that can be assumed by the participating districts to assure their continued involvement when outside sources of funding are not available
EVALUATION	An evaluation instrument was administered to determine the degree to which the concept has been implemented in the classroom by teachers. Results available March 1975.
AVAILABILITY OF MATERIALS	Specific requests for teacher-prepared materials will be honored. Bibliographies of available careerpacs available upon request. A standard fee of 50¢ per unit is charged for information outside the Project area.
SPECIAL REQUIREMENTS	No special requirements.
INFORMATION SOURCE	Mrs. Kaye Hamm and Mrs. Marlene McDaniel, Co-ordinators Career Education In-Service Project, Roncalli Specialist Office, 4202 Highway 76, Pueblo, Colorado 81005

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Rocky Ford R2
PROGRAM TITLE	
GRADE LEVEL	K-8
POPULATION	K-8 enrollment
COST PER PUPIL	Approximately $9.00
OBJECTIVES	To provide education experiences for the student in order to enable him to learn to live in the home, school and community.
NARRATIVE	The program has a Scope and Sequence K-12 for the educational program of children and utilizes the community as a learning laboratory. This project has been in operation 18 months with in-service training sessions for staff. This is now to the Cadre approach stage. Individual resource pacs have been developed for the program and career-related educational games and activities in primary grades. The satellite program is in use at Jefferson JHS.
EVALUATION	Evaluation is provided by third-party evaluators of the Project and by internal means. (Attitude surveys, teacher observations, and use and evaluation of developed materials.) The satellite program has an evaluative factor of its own.
AVAILABILITY OF MATERIALS	At present, free upon request until the supply ends. Effective July 1, 1975, cost will be charged in relation to printing and handling expenses.
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	Ralph R. Neumann, Curriculum Co-ordinator

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Sheridan School District 2
PROGRAM TITLE	
GRADE LEVEL	9-12
POPULATION	Approximately 600 students
COST PER PUPIL	$2.00 - $5.00
OBJECTIVES	To provide students with the opportunity to academically explore career options.
NARRATIVE	The major effort has been in special career-oriented classes which introduce students to career decision-making through the Career Center. Some efforts are being expended to infuse career concepts into the regular curriculum. The Career Center contains career-oriented media, occupational briefs, materials from industry and is operated by a full-time career counselor.
EVALUATION	Title VIII validation
AVAILABILITY OF MATERIALS	Good selection of commercial and free guidance materials
SPECIAL REQUIREMENTS	Significant funds to provide materials for Career Center
INFORMATION SOURCE	Ray Sigwert, Director, Career Center

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Silverton, Cortez, Dolores County RE-1J, Dolores RE-4A, Mancos, Bayfield, Egnar
PROGRAM TITLE	CEPAC (Career Education Process of Attitude Change)
GRADE LEVEL	K-12
POPULATION	Approximately 5,000 students in 8 districts. Most schools are relatively small and frequently rather isolated.
COST PER PUPIL	Staff development and materials have been the main expenses to date. Per pupil cost would depend on how extensively a district wished to develop either area.
OBJECTIVES	To provide a relevant and meaningful education to students by infusing career education concepts into the existing curriculum and providing as many options for students as possible.
NARRATIVE	The CEPAC Project has several components. A cadre of teachers and administrators from the member districts has been developed to serve as resource people and to present workshops. A series of workshops and in-service programs has been presented to interested teachers to develop a rationale for understanding careed education as well as to develop materials and units for use. At the elementary level teachers have developed units for their own use incorporating career education concepts including vocational and role expectations and concern with student self-concept and values clarification. A directory has been prepared to identify local resource people to visit the school and possible field trips to the community. At the secondary level in Mancos, 7th and 8th-graders enroll in a 2-hour bloc course on Environmental Studies that carries Biology-Social Studies credit. It emphasizes hands-on activities and use of community resources. Because of this "real-world" approach it is considered a part of the career education program. Mancos is also attempting to integrate some of the career education units into the Project SUN bilingual-bicultural program at the elementary level. Dolores RE-4A, Dolores County RE-1J and Mancos are using sections of the "Business and Office Career Education Materials" prepared by CSU at the secondary level. There is also a strong thrust in the Dolores RE-4A secondary Language Arts Program toward work observation and career exploration activities. Senior high students from the General Business Program have worked with 5th-graders to teach commercial and consumer mathematics. Dolores RE-1J has an integrated Senior Problems and Language Arts class that has a career awareness thrust.

EVALUATION	Charting of on-going programs and units. Workshop evaluation by ranking of components, survey to determine status of program, materials and guidance provided by the career education staff.
AVAILABILITY OF MATERIALS	Collected units and activities are available at cost through Dr. William J. Nelson. Other materials that have been developed include Job Experience kits, slide-tape presentations, cassette tape programs, Career-Packs and video tapes.
SPECIAL REQUIREMENTS	1. In-service for staff 2. Materials development by staff 3. Some purchase of materials 4. A trained co-ordinator would be helpful
INFORMATION SOURCE	Dr. William J. Nelson, San Juan Basin Area Vocational-Technical School, Box 970, Cortez, Colorado 81321

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Southeastern BOCS
PROGRAM TITLE	Career Fair
GRADE LEVEL	10-12
POPULATION	10-12 students from the 15 member schools of SE BOCS
COST PER PUPIL	Not available
OBJECTIVES	1. To bring students in direct contact with members of each of the 15 career clusters. 2. To acquaint students with the entry level requirements for each of a number of chosen jobs. 3. To make students aware of education opportunities available to help them meet the entry level requirements for a number of career possibilities.
NARRATIVE	Junior and senior students are brought together at a "career fair" to view displays and talk with members of the 15 career clusters and officials of various schools and colleges. Through this fair students learn of different career possibilities and of the skills and knowledge necessary to perform in each of a chosen number of careers. Officials of a number of schools are available to help the student with decisions concerning training or advanced education required in their chosen field.
EVALUATION	Not available
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Facility large enough to house participants 2. Person responsible for organization and scheduling
INFORMATION SOURCE	Southeastern BOCS

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Summit RE-1
PROGRAM TITLE	
GRADE LEVEL	K-6
POPULATION	All elementary students (approximately 600)
COST PER PUPIL	Approximately $1.00
OBJECTIVES	The objective of the program is to acquaint elementary students with various fields of endeavor, and to develop skills and attitudes relating to work as they are illustrated through the curriculum.
NARRATIVE	The program is based on Marland's concepts and adapted from the model developed in Wyoming. The rationale and samples of lessons/units are in the Summit RE-1 Curriculum Guide. Writing teams of teachers were formed after the staff had acquainted itself with Marland's writings and other published materials on Career Education. These teams then identified areas in the curriculum where emphasis could be placed on Career Education and developed units/activities toward the objective.
EVALUATION	Evaluation will take place at the end of the 1974-75 school year.
AVAILABILITY OF MATERIALS	The Summit RE-1 Curriculum Guide is available at cost from the district.
SPECIAL REQUIREMENTS	1. It is important that at least one district person be well-grounded in Career Education as a K-12 concept and acquainted with national trends and approaches. 2. It would be helpful to have qualified consultants work with the faculty both in terms of the Career Education concept and applications in the curriculum. 3. It would be helpful to provide in-service time, both for the consultants and for the writing teams.
INFORMATION SOURCE	Diane Sorenson, Co-ordinator, K-12 curriculum.

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Trinidad 1
PROGRAM TITLE	Career for Life Through Career Education
GRADE LEVEL	K-12
POPULATION	Public and private school students in Trinidad District
COST PER PUPIL	Not available
OBJECTIVES	1. To provide the necessary expertise in an orientation program that will create a feeling in the student that there is honor in being employed and making a contribution to society. 2. To allow students to explore many career areas. 3. To enable students to obtain skills and knowledge in related areas which will help them qualify for employment in a career of their choice.
NARRATIVE	Career Education is offered to students in grades K-12 who reside in the Trinidad School District. Grades K-4 are introduced to a career education awareness program. Middle school, grades 5-6, continue the awareness activities and pupils begin to explore other areas in pursuit of a career of their choice. In grades 7-8 students continue the awareness and exploration activities and are introduced to "hands-on" types of activities. High school students, grades 9-12, continue the awareness and exploration activities in preparation for "hands-on" cluster activities and on-the-job training programs. Students demonstrate their understanding of various occupations by playing the role of community helper. Film-strips, cassettes and "hands-on" activities are offered in the World of Construction and the World of Manufacturing.
EVALUATION	N/A
AVAILABILITY OF MATERIALS	Not available
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	ESEA Title III

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Walsh RE-1
PROGRAM TITLE	
GRADE LEVEL	4
POPULATION	28 students
COST PER PUPIL	$25.00
OBJECTIVES	In general, to heighten an awareness of the world of work and to develop an appreciation of our dependence on different types of work. Specifically, to help pupils learn to ask pertinent questions regarding work areas and to improve students' writing ability in describing learnings gained from field trips, lectures, etc. related to career education.
NARRATIVE	The program begins the second semester of the school year. Every Friday afternoon a period and a half is reserved for a field trip or lecture and written student evaluation. About five bus trips are taken; lectures by authorities in certain career areas are interspersed between field trips.
EVALUATION	Faculty evaluation
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Access to sites 2. Available human resources
INFORMATION SOURCE	Walsh RE-1 School District

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Walsh RE-1
PROGRAM TITLE	
GRADE LEVEL	7-12
POPULATION	230 students
COST PER PUPIL	$24.00
OBJECTIVES	1. To establish a center with resources designed to enlighten and motivate students to career possibilities. 2. To provide students with the opportunity to develop an understanding of the facts of life through which man seeks fulfillment and the importance of work in a happy, satisfied life. 3. To enable students to gain a better understanding of self and to research possible careers and make tentative career decisions. 4. To provide teachers with career information which can be implemented in their teaching areas.
NARRATIVE	It was felt that the few outdated materials on careers available in the District library were not giving students a "fair shake". A committee prepared an application for a special purposes Title II grant, which was approved ($5,500). A special area in the library is being set aside for materials with carrels and viewing equipment furnished for all interested students to use at any time. It is also planned to encourage teachers to use materials in their field and the materials will be especially useful in the careers class, which was initiated this year (1974-75).
EVALUATION	Evaluation will consist of committee evaluation, follow-up survey of graduates, and student appraisal survey.
AVAILABILITY OF MATERIALS	Not yet available
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	Walsh RE-1 School District

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Walsh RE-1
PROGRAM TITLE	
GRADE LEVEL	11-12
POPULATION	22 students
COST PER PUPIL	$71.00
OBJECTIVES	1. To enable students to identify their own personality traits, interests, aptitudes, abilities and values and to use these traits in planning their education and career. 2. To encourage awareness of the world of work. 3. To encourage knowledge about a number of careers. 4. To encourage awareness of the resources available to students in planning their careers. 5. To enable students to make a tentative choice of career.
NARRATIVE	This class is a semester class designed to encourage students to better understand themselves in order to plan a wise career choice. Students are encouraged to explore numerous careers, to study things necessary in choosing a career and to become familiar with the world of work. Filmstrips are shown and discussed, an interest test is given and analyzed, aptitude scores are analyzed and a field trip is taken to Lamar where the students are allowed to observe first-hand people at work in various occupations. Guest speakers are used when they can be obtained and a job interview is given each pupil at the completion of the course.
EVALUATION	A follow-up survey on graduates is used, as well as test evaluation and job interview evaluation.
AVAILABILITY OF MATERIALS	Commercial materials are used: 9 filmstrips; Choosing Your Career by Ivan Miller; Succeeding in the World of Work, by Kimbrell-Vineyard; Chronicle Occupation Library; Career Opportunities Series by Doubleday-Ferguson.
SPECIAL REQUIREMENTS	None
INFORMATION SOURCE	Walsh RE-1 School District

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Weld BOCES
PROGRAM TITLE	Comprehensive Career Education Program for EMH
GRADE LEVEL	K-12
POPULATION	200 EMH students from member districts and 15 EMH teachers
COST PER PUPIL	Not available
OBJECTIVES	1. To present adequate in-service to EMH teachers in career education. 2. To develop a comprehensive career education curriculum through all levels with horizontal and vertical consistency. 3. To acquire and develop appropriate career education materials for implementation of objectives. 4. To establish a pool of community resources to be utilized in conjunction with the curriculum.
NARRATIVE	Much work has been done in the past 10 years to include programs for educable mentally handicapped in the school program. The Weld BOCS is implementing a comprehensive program to help these students develop the social and academic skills necessary to function in the world of work. The major areas of concern are self-concept development, decision-making, career awareness and exploration. Most of the emphasis of the Project has been on developing instructional materials for classroom use. An advisory board has been formed of the classroom teachers. Writers and teachers are working together to develop the instructional materials to be used in the classroom.
EVALUATION	Evaluation materials and results available on request from the Colorado State Facilitator Project.
AVAILABILITY OF MATERIALS	Field test materials including photographs, film strips, cassettes, learning packets, games, simulations and stories are available on request through the State Facilitator Project.
SPECIAL REQUIREMENTS	1. Media support 2. Creative writers and artists 3. In-service training
INFORMATION SOURCE	Sandra Boland, Director, Career Education, Weld BOCES

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Weld County RE-1
PROGRAM TITLE	What Do You Do Besides Graduate?
GRADE LEVEL	K-12 (most emphasis on middle school)
POPULATION	General school population, rural area
COST PER PUPIL	N/A
OBJECTIVES	To integrate career education into the total curriculum.
NARRATIVE	Initial awareness workshops were held for interested teachers and district-wide teacher committees were formed. Summer writing teams developed curriculum goals and concepts for career education. District in-service for all teachers was provided and career education concepts were then implemented in classrooms K-12. A comprehensive guide was developed, along with a community resource file for each level.
EVALUATION	Outside evaluation audits are being provided by the University of Colorado. A final evaluation report will be available in Spring of 1975.
AVAILABILITY OF MATERIALS	A district-developed guide is available. It includes goals, concepts, activities, games puzzles, etc. (available at printing costs).
SPECIAL REQUIREMENTS	1. Awareness orientation sessions 2. Development of district goals and objectives 3. No additional staff needed.
INFORMATION SOURCE	Julie Barton, Counselor, Weld RE-1

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Weld RE-5J
PROGRAM TITLE	
GRADE LEVEL	5-8
POPULATION	Generally rural
COST PER PUPIL	N/A
OBJECTIVES	1. To create a vocational guidance program for 7th and 8th grade students. 2. To develop a community resource file. 3. To train teachers for individual integration of career education concepts into their classrooms.
NARRATIVE	Initial in-service was provided for 40 volunteer teachers. The teachers have developed activities on an individual classroom basis. A vocational guidance program has been developed for 7th and 8th-grade students. A community resource file has been developed for both on-site visitation and visitations to the classrooms.
EVALUATION	An outside evaluation audit will be provided by the Univers of Colorado later this Spring (1975).
AVAILABILITY OF MATERIALS	Individual teacher-developed materials and guidance materials.
SPECIAL REQUIREMENTS	1. Awareness in-service 2. Planning time for teachers
INFORMATION SOURCE	Dr. Dale Yost, Curriculum Director, Weld RE-5J

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Weld County 6, UNC Lab School and UNC College of Education
PROGRAM TITLE	Exemplary Career Education
GRADE LEVEL	K-12
POPULATION	5 pilot schools in District 6 (Greeley), UNC Lab School, UNC College of Education
COST PER PUPIL	Not available at this time
OBJECTIVES	1. To help students develop a better understanding of their future work role. 2. To infuse into curriculum career awareness, orientation, exploration and preparation for all students. 3. To provide in-service education for teachers, counselors and administrators. 4. To insure that future teachers and counselors learn the philosophy and rationale for career education.
NARRATIVE	The Project is designed to implement career education in grades K-12 of the UNC Lab School and District 6 schools. Work in grades K-12 includes the integration of career education into regular classrooms, as well as the use of career planning centers and community resources. Placement is included within the guidance component of the Project. Emphasis in the K-12 classes and counseling is on self-awareness, career awareness, decision-making, values clarification, and career orientation, exploration and preparation. In addition, a purpose of the Project is to implement career education in the College of Education of UNC so that prospective teachers, counselors and administrators are exposed to the career education concept and activities and materials needed to implement career education in public schools.
EVALUATION	Evaluation materials and results available on request from the Colorado State Facilitator Project.
AVAILABILITY OF MATERIALS	The Project has developed six sets of procedures for utilization of community resources to develop career awareness and exploration. The Project is not involved in curriculum development.
SPECIAL REQUIREMENTS	1. Teacher preparation through UNC College of Education 2. Use of graduate assistants in pilot schools 3. In-service training for teachers in pilot schools in career education, values clarification, decision-making, use of career education in high school departments. 4. Commercially-produced materials
INFORMATION SOURCE	Warren Lasell, Co-ordinator, Career Education Project, UNC

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Weld County RE-9
PROGRAM TITLE	
GRADE LEVEL	3
POPULATION	General rural
COST PER PUPIL	N/A
OBJECTIVES	1. To develop awareness of the basic consumer economic system 2. To develop awareness of job clusters 3. To develop positive attitudes for work values
NARRATIVE	Utilizing the "factory system" concept, a team of third-grade teachers have integrated career education concepts and consumer economics principles into a core approach for all subject activities. Students are "paid" for tasks completed with school money. They must "pay" bills and have a number of options faced by the consumer public, i.e. savings accounts, bank accounts, etc. Community resources through field trips, etc. are utilized. Occupation awareness concepts are integrated.
EVALUATION	Subjective student, teacher and parent feedback is available.
AVAILABILITY OF MATERIALS	Teacher-made materials are available.
SPECIAL REQUIREMENTS	1. Space for school store and materials storage. 2. Staff in-service
INFORMATION SOURCE	Sam Nelson, Director, Business and Distributive Education Weld County RE-9

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Weld County RE-12
PROGRAM TITLE	Community School Career Guidance Project
GRADE LEVEL	6-12
POPULATION	90 students
COST PER PUPIL	N/A
OBJECTIVES	The purpose of this program is to make students, teachers and community members aware of various choices in the occupational field, to provide students with the opportunities to explore various fields, and to integrate the work values into their personal value system.
NARRATIVE	A physical setting has been developed which provides for all students, community members and faculty an opportunity to explore the full range of occupational choices. Classes are brought to the resource room on a regular basis; specific objectives are provided and they are led through a step-by-step process of exploring various occupational choices. The teacher accompanies the students and the room provides a team-teaching laboratory setting which involves the classroom teacher as well as the counselor.
EVALUATION	Teacher-counselor observation is the primary means of evaluation. Parent surveys and in-service meetings are also used in this process.
AVAILABILITY OF MATERIALS	Materials for the resource room are available to community members.
SPECIAL REQUIREMENTS	1. Minimal in-service program 2. Community orientation
INFORMATION SOURCE	Beth Bashor, Pawnee HS, Grover, Colorado

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Widefield School District 3
PROGRAM TITLE	Exemplary Career Education, Self-Awareness and Job Opportunity Model
GRADE LEVEL	K-12
POPULATION	Low to middle-class, 8.104 students of mixed ethnic groups
COST PER PUPIL	N/A
OBJECTIVES	1. To develop new attitudes in teachers so that all education will be career education and awareness of self. 2. To increase student understanding of the world of work. 3. To help students make intelligent decisions about their future careers. 4. To assist high school students in finding part-time employment related to their first career area choice.
NARRATIVE	Widefield School District has devised a program that uses careers to help develop self-awareness. In the elementary school, career education is used to assist the student in recognizing individual abilities, strengths, values and contributions. The junior high program relates interests, abilities and strengths to career areas. The high school portion is designed so that students may have in-depth experiences in specific career opportunities in which they have expressed an interest.
EVALUATION	Not available at this time.
AVAILABILITY OF MATERIALS	Not available
SPECIAL REQUIREMENTS	1. Summer workshop to educate teachers, counselors and administrators in the concepts of self-awareness and career education. 2. Opportunity must be available for participants to plan an effective program and to develop strategies for implementation.
INFORMATION SOURCE	ESEA Title III project abstract

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Windsor RE-4
PROGRAM TITLE	Integrated Life and Career Development Program
GRADE LEVEL	K-12
POPULATION	Student population of 1,012
COST PER PUPIL	N/A
OBJECTIVES	1. To demonstrate awareness and understanding of the self and the ability to establish and pursue goals. 2. To demonstrate awareness that many different life styles exist and a keener awareness by students of different jobs and various work situations. 3. To demonstrate understanding of the rewards and self-satisfaction found in work. 4. To explore job clusters and life styles, providing "hands-on" experiences. 5. To demonstrate how occupational stereotypes are inappropriate for today's life styles.
NARRATIVE	The Windsor District has implemented a comprehensive and structured career development program encompassing grades K-12 and utilizing the total staff and resources within the community in a multi-disciplinary approach within the established curriculum to reach the total school population. This program offers students alternate sequences through a flexible educational system that can adjust to the interests, aptitudes, abilities, aspirations and unique characteristics of each individual. The program develops from self and career awareness at the primary-intermediate level to exploration and preparation at the secondary level.
EVALUATION	N/A
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	In-service training and material preparation
INFORMATION SOURCE	ESEA Title III

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Woodlin
PROGRAM TITLE	Career Exploration for Grades 7-10
GRADE LEVEL	7-10
POPULATION	233 students, rural, isolated
COST PER PUPIL	N/A
OBJECTIVES	1. Students will become familiar with a wide variety of occupations. 2. Students will observe individuals employed in at least one job in each of the major job classifications. 3. To assist the student in making a career selection. 4. To provide students with the opportunity for in-depth study of personal requirements for jobs or positions in a number of occupational classifications.
NARRATIVE	The program provides students entering the secondary school with an opportunity to become aware of the vast number of careers available to the members of our society so that they may achieve the highest degree of enlightenment and necessary competence to select a career offering a satisfactory, rewarding and useful life in the world of work. During the initial year of implementation, activities will center around the classroom instruction using printed, visual and auditory material designed to develop career awareness. Such activities are conducted by the counselor, teaching staff and guest lecturers.
EVALUATION	Not available
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	In-service training of staff
INFORMATION SOURCE	ESEA Title III

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Aspen Community School
PROGRAM TITLE	
GRADE LEVEL	6-8
POPULATION	All 23 students involved
COST PER PUPIL	Not available
OBJECTIVES	1. Student contact in the community 2. Meaningful opportunity for students to relate to community work experiences
NARRATIVE	Students volunteer time at local businesses and service organizations. Teachers find jobs based on student interests. Students share experiences with each other in discussion groups.
EVALUATION	Subjective evaluation by teachers and students.
AVAILABILITY OF MATERIALS	Strictly field-oriented
SPECIAL REQUIREMENTS	Willingness of all involved (students and community); parental permission
INFORMATION SOURCE	Aspen Community School

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Aspen Community School
PROGRAM TITLE	
GRADE LEVEL	All levels to grade 8
POPULATION	72 students
COST PER PUPIL	Not available
OBJECTIVES	To pursue student interest within a structured learning environment.
NARRATIVE	This is an extensive activity program with strong career orientation. Two afternoons per week, in six-week time blocs, non-academic areas geared to student interests are provided (skills, crafts, arts, etc.).
EVALUATION	Faculty-based, primarily observation of program.
AVAILABILITY OF MATERIALS	Provided by school
SPECIAL REQUIREMENTS	1. Teacher skill and interest 2. Parent and community involvement in teaching program
INFORMATION SOURCE	Aspen Community School

306 Colorado State Facilitator Project

SCHOOL DISTRICT	The Peak
PROGRAM TITLE	Our World of Work
GRADE LEVEL	4-8
POPULATION	Interested students from those levels
COST PER PUPIL	No significant cost
OBJECTIVES	There are seven stated objectives including self-knowledge, awareness of skills needed, the role of school in relation to these skills, and acquaintance with significant adults.
NARRATIVE	There are several stages in the program. Students first spend at least a half day with several responsible adults in different areas of interest to the student. After sampling these choices, the student will select one area in which to spend more time. The third stage will have the student working at a number of tasks in the field instead of mainly observing. In the meantime, the students are analyzing both the personal qualities/values and the skills needed for success in these areas.
EVALUATION	N/A
AVAILABILITY OF MATERIALS	N/A
SPECIAL REQUIREMENTS	1. Community people willing to help 2. Close school-community liaison
INFORMATION SOURCE	H.N. Wilson The Peak School, Loveland, Colorado

306 Colorado State Facilitator Project

SCHOOL DISTRICT	
PROGRAM TITLE	EXPLO: Career Exploration Fair
GRADE LEVEL	7-12
POPULATION	Over 43,000 students, mostly from the Denver metropolitan area, were involved in 1973-74
COST PER PUPIL	No cost to schools except in travel
OBJECTIVES	To provide career exhibits in the USOE clusters models for students to have "hands-on" experiences or closer acquaintance with these clusters.
NARRATIVE	Workshops were presented districts on request to provide a foundation for use of EXPLO. Curriculum materials were prepared for use before and after EXPLO visits for co-operating school districts. These followed the cluster format rather than individual jobs, as such. They stressed the relationship between school activities and the world of work. A large catalogue of community resources has been developed as an outcome of the Project.
EVALUATION	Each of the junior high visitors completed pre- and post-visit interest inventories which are being analyzed by an outside agency. Exhibitors at EXPLO, teachers and other visitors also provided data on the effect of the Project, appropriateness of the material and the quality of the implementation. This is also currently being analyzed.
AVAILABILITY OF MATERIALS	Would have to check with Dr. Carl Chiko
SPECIAL REQUIREMENTS	1. Orientation sessions and workshops were presented on district request 2. Materials were available to co-operating school districts
INFORMATION SOURCE	Dr. Carl Chiko, Director, EXPLO Junior League of Denver 1805 South Bellaire Street, Suite 400, Denver 80222

STATE CAREER EDUCATION RESOURCES

I. State Coordinator for Career Education

The Colorado Department of Education (CDE), the State Board for Community Colleges and Occupational Education (SBCCOE), and the Colorado Commission on Higher Education (CCHE) have jointly appointed a state coordinator. This person is responsible to the three state educational agencies and coordinates all intra-agency activities. The coordinator assumes a leadership role in the development of the Career Education State Plan, guidelines for implementation, and preparation of legislative reports. The coordinator also provides leadership for the infusion of career education into the public school and higher education curricula through coordination of local, regional and state staff development; material and resource development and dissemination; community and state personnel involvement and evaluation. The state coordinator also serves as the executive secretary for the State Advisory Council for Career Education.

Contact: Dr. Arvin C. Blome
Colorado Department of Education
Telephone: 892-2241

II. Intra-Agency Career Education Supervisors

A. State Board for Community Colleges and Occupational Education

The SBCCOE has designated a full-time professional staff member as the Career Education supervisor. The SBCCOE assumes a joint leadership role with the Colorado Department of Education in the implementation and evaluation of the career exploration component, grades 7-10. Further, it assumes the leadership role in the implementation and evaluation of career skills preparation components at grades 11-12, as well as the area vocational school levels. the SBCCOE, cooperatively with the CDE and CCHE, will assist local school districts, boards of cooperative services, other consortiums and post-secondary institutions in a consultative role at all levels. This person serves on the State Advisory Council for Career Education.

Contact: Dr. Bill Barnes
State Board for Community Colleges and Occupational Education
Telephone: 892-3011

B. Colorado Department of Education

A full-time professional staff member is designated by the Colorado Department of Education as the Career Education supervisor. The Department will assume a leadership role in the implementation and evaluation of the career awareness component, primarily in grades K-6, throughout the state. It will jointly serve with SBCCOE in the leadership of the career exploration components, usually grades 7-10; and will, cooperatively with CCHE, provide full leadership toward academic preparation components at grades 11 and 12. The CDE, cooperatively with the SBCCOE and the CCHE, will assist local school districts, boards of cooperative services, other consortia, and post-secondary institutions in a consultative role at all levels. This person serves on the State Advisory Council for Career Education.

Contact: Jeanne Werschke, Colorado Department of Education
Telephone: 892-3382

C. Colorado Commission on Higher Education

In order to achieve a total comprehensive effort in Career Education, the CCHE has designated a professional staff member to work in cooperation with the CDE and the SBCCOE. In accordance with on-going efforts and activities in Career Education on the state level, the local school districts, boards of cooperative services and other consortia, the CCHE, based on staff and program needs, will assume a leadership role in encouraging development and implementation in the colleges and universities of non-degree, undergraduate and graduate offerings to include Career Education for their preservice and inservice teacher education students and teachers. Beyond this, the CCHE encourages the infusion of the Career Education concept throughout the entire post-secondary system with appropriate emphasis being given to the lifelong learning process. The CCHE, in cooperation with the SBCCOE and the CDE, will serve in a consultative role at all levels in the area of staff development, implementation and evaluation of Career Education. This person serves on the State Advisory Council for Career Education.

Contact: Dr. Keith Asplin
Colorado Commission on Higher Education
Telephone: 892-2723

D. State Board for Community Colleges and Occupational Education

A professional staff member has been designated by the Community Colleges to work in cooperation with the CDE, SBCCOE and CCHE. The State Board of Community Colleges and Occupational Education assumes a leadership role in the implementation and evaluation of career education at the community college and junior college levels. This person also serves in a consultative role at all levels and assists the other state agencies in providing services in local school districts, boards of cooperative services, other consortia and post-secondary institutions. This person serves on the State Advsory Council for Career Education.

Contact: Dr. John Glau
State Board for Community Colleges and Occupational Education
Telephone: 892-3151

POST-SECONDARY INSTITUTIONS

Post-secondary institutions in Colorado were requested to indicate what resources they could provide for school districts or school personnel in the area of Career Education. Their responses are listed with two-year institutions first and four-year institutions second. The first listing under each institution gives the on- and off-campus courses that are related to Career Education. The second listing of information gives the names of resource people in Career Education. The third listing includes any materials or other resources available through that institution.

TWO-YEAR INSTITUTIONS

Arapahoe Community College, 5900 South Santa Fe Drive, Littleton, Colorado 80120.

Courses: Occupational programs only (in Business, Health Occupations and Trade, Technical and Industrial areas). Off-campus courses on areas of interest are available through the Cooperative Adult Education program. Contact Robert Peterson, Director of Community Services.

Resource People: None listed.

Other Resources: None listed.

Colorado Northwestern Community College, Box 9010, Steamboat Springs, Colorado 80477

Courses: a. Career Planning, 1 credit, 1 semester, on campus. Deals with career information, values, lifestyle, leisure, decision-making, and decision implementation.

b. Workshops on campus can also be arranged.

c. Off-campus workshops on similar topic areas are offered in some area high schools to provide students with tools in relation to career planning.

Resource People: Anne Hardin, Career Guidance Specialist, 879-3288.

Other Resources: a. Career Information Center on campus
b. Career Day Fair

Community College of Denver, Red Rocks Campus, 12600 West 6th Avenue, Golden, Colorado 80401

Courses: Occupational programs only.

Resource People: Donald G. Lindahl, Dean of Occupational Studies, 988-6160. (Administered Education Curriculum Development grant.)

Other Resources: None listed.

El Paso Community College, 2200 Bott Avenue, Colorado Springs, Colorado 80904

Courses: None listed.

Resource People: Maurice E. Ransom, Supervisor, Area Vocational Program, 471-7546

Other Resources: El Paso Community College is working with Air Academy Junior High to provide a Career Awareness program for junior high students through their occupational programs.

Lamar Community College, Lamar, Colorado 81052

Courses: Use of Career Information class with Adams State graduate level credit for teachers and counselors.

Resource People: Chris Magnussen, Vocational Guidance and Job Development Specialist

Other Resources: None listed.

Morgan Community College, 300 Main Street, Fort Morgan, Colorado 80701

Courses: Occupational courses only.

Resource People: James Larson, Vocational Guidance Specialist, Merle Rhoades and Chuck Hamann, 867-8564

Other Resources: None listed.

Northeastern Junior College, Sterling, Colorado 80751

Courses: Cooperative Education occupational courses only.

Resource People: Dick Gritz, Director in area of Cooperative Education

Other Resources: None listed.

Otero Junior College, La Junta, Colorado 81050

Courses: a. Career Decision Making
b. Career Communication

Resource People: Jim Bowra, Vocational Guidance Specialist; Mike Erickson, Chairman, Directed Studies Department

Other Resources: Mobile Career Development unit contains vocational media for students can provide in-service for school staffs focusing on the area of vocational guidance. John McFarland is the contact person.

Trinidad State Junior College, Trinidad, Colorado 81082

Courses: Occupational courses only.

Resource People: Martha Haun, Vocational Guidance Specialist, 846-5661

Other Resources: Media for Huerfano and Las Animas counties are available through Mrs. Haun's office. Topics vary widely from "Adolescent Experience: Shaping Identity" to "Jobs and Gender" to "Preparing for the World of Work".

FOUR-YEAR INSTITUTIONS

Adams State College, Alamosa, Colorado 81102

Courses: None listed.

Resource People: John Turano, 589-7436; Lloyd Swenson, 589-7631

Other Resources: None listed.

Colorado State University, Department of Vocational Education, Fort Collins, Colo. 80523

Courses: Those courses marked with an asterisk have primary content dealing with Career Education. The others have Career Education concepts infused within them.

Education Department:
*Career Development Counseling
*Workshop Education/Career Education
*Seminar in Career Education
*Independent Field Study in Career Education
*Career Development Counseling
*Workshop Education/Career Education
*Seminar in Career Education
*Independent Field Study in Career Education
Evaluation of Achievement
Educational Media
Audio-Visual Methods and Materials
Current Classroom Techniques
Tests and Appraisals

Industrial Sciences:
*Internship in Industrial Science/Career Education
*Independent Study/Career Education
*Industrial Science Workshop/Career Education
Independent Study/Career Education

Vocational Education:
*Career Education Concepts
*Group Studies in Vocation Career Education
*Workshop in Vocation Career Education
*Individualized Studies in Vocation Career Education
*Internship in Vocational Education
*Individualized Studies in Vocation Career Education
*Group Studies in Vocation Career Education
Coordination Techniques for Cooperative Programs

Colorado State University (continued)

Vocational Education: (continued)	Principles and Philosophy of Vocational Education Occupational Career Counseling Teaching and Programming for Students with Special Needs Philosophy of Vocational Education Functions and Concepts in Vocational Services Internship in Vocational Education

Resource People:

Education Department:		Speciality:
Hubert Wolfe, Department Head	491-6474	Career Education Coordinating Council
Joseph Daly	491-6826	Career Education Resource Team Guidance and Counseling
Robert Richburg	491-6009	Social Sciences
Richard Klausmeier	491-5227	Media and Materials
Industrial Science:		
B.D. Hayes, Department Head	491-6230	Career Education Coordinating Council Chairman
Maurice Thomas	491-5109	Career Education Resource Team, Exploratory Phase
Rodney Anderson	491-6230	Industrial Arts, IACP
Vern Oremus	491-5960	Industrial Arts
Physical Education:		
Alvin Pettine, Department Head	491-5031	Career Education Coordinating Council
Nancy Shay	491-6155	Career Education Resource Team, Physical Education
Vocational Education:		
B. Harold Anderson, Department Head	491-6317	Career Education Coordinating Council
Glen Rask	491-6859	Career Education Resource Team, Concept and Vocational Education
Harry Huffman	491-5267	Research (Curriculum Development, Vocational Education
Don Richardson	491-5097	Work Experience
Joe Roberts	491-5097	Community and Work Experience
Windol Wyatt	491-5805	Vocational Education

Other Resources: None listed.

Off-campus courses can be developed through John Snider, Center for Continuing Education, 491-5288.

Metropolitan State College, 250 West 14th Avenue, Denver, Colorado 80204

Courses: Primarily occupational courses on campus. A variety of workshops on topics such as "Morals, Values and Decisions" or "Interpersonal Communication" are available through the Learning for Living program at Metro State.

Resource People: None listed.

Other Resources: None listed.

Mesa College, Grand Junction, Colorado 81501

Courses: The Western Colorado Consortium for Continuing Education tries to develop programs upon demand from the resources of Mesa College, CU, Western State, CSU, UNC, Adams State, Fort Lewis College and western school districts. Contact Robert Moore, University of Colorado, 661 White Box 175, Grand Junction, Colorado 81501 (242-5731).

Resource People: Tom Graves, Robert Stokes, Lance Oswald, Box 2647, Grand Junction (248-1020).

Other Resources: None listed.

Southern Colorado State College, Division of Education, Pueblo, Colorado 81001

Courses: a. Graduate level courses: Career Education for Elementary Teachers
Problems in Career Education

b. Off-campus offerings can be arranged through the Continuing Education Office.

Resource People: a. Charles E. Tedrow, Industrial Education, Department, 545-4220 ext. 60
b. Kaye Hamm and Marlene McDaniels of District 60 (contact Roncalli Specialists Office, Pueblo 60 School District, Pueblo).

Other Resources: None listed.

University of Colorado at Denver, 1100 Fourteenth Street, Denver, Colorado 80202

Courses: EDUC 578 - Career Development
EDUC 406-3-050 - Human Resources in Education
Non-degree program through the Division of Continuing Education on skills for adults seeking a change in careers. Contact Stephen K. Merman.

Resource People: a. Bruce Bergland on Career Development (892-1117)
b. Stephen K. Merman (892-1117), and Amy Burton and Art Smith (State Department of Employment) on programs for adults seeking change in career direction.

Other Resources: None listed.

University of Denver, School of Education, Denver, Colorado 80210

Courses: Course in Counselor Education on implementing Career Education concepts into the curriculum.

Resource People: Jerry Schmidt, Counselor Education, consultant to Harrison School District Career Education program (753-2750 or 986-8016).

Other Resources: None listed.

University of Northern Colorado, Exemplary Career Education Project, Greeley, Colo. 80639

Courses: ICU 105 - Career Development (undergraduate level)
BEVE 580 - Career Education and Distributive Education
EDCI 508 - Career Education
VE 640 - Career Development
EDF 508 - Career Education for Teachers (this two-day off-campus workshop can be requested through Frank Cordell, Foundations of Education Department)

Other off-campus courses can be developed through the Center for Non-Traditional and Outreach Education (352-2891).

Resource People:

Warren Lasell, Exemplary Career Education Project, 106 Bishop-Lehr, UNC (351-2321)
-Management of Career Education
-Curriculum Development

Marcia Osborn (351-2321)
-Curriculum Development
-Materials and Methods in Career Education

Beverly Parks (351-2204)
-Materials and Methods in Career Education
-Curriculum Development
-Career Counseling

Frank Cordell (351-2347)
-Teaching Toward Career Education
-Utilization of Community Resources

Mike Flanagan (351-2321)
-Guidance

Kenneth Spooner (351-2434)
-Administration of Career Education
-Research in Education

Kenneth Frisbie (351-2116)
-Management of Career Education
-Curriculum Development

Bruce Gorge (351-2321)
-Curriculum Development
-Materials and Methods in Career Education

Mike Elliott (351-2321)
-Curriculum Development
-Materials and Methods in Career Education

University of Northern Colorado (continued)

Resource People (continued):

Louise Keller (351-2941)
-Management of Career Education
-Career Education Models

Maurice Ward (351-3075)
-Career Development

Other Resources: a. On-going program jointly operated by UNC and Weld County School District 6.
b. Career Education Materials Library (K-12) - contact Project (351-2321).

Western State College, Division of Education, Gunnison, Colorado 81230

Courses: On-campus - ED 233 - Workshop in Career Education (Spring, 1975)
ED 233 - Career Education for School Personnel (June-July, 1975)

Resource People: Jerrold T. Hanson (943-2173)
Daryl Jehle (943-2135)
Harrell Guard, who can be reached through Career Education, School District 60, 4202 Highway 76, Pueblo, Colorado 81004
William J. Nelson, who can be reached through the San Juan Basin Area Vocational Technical School, Cortez, Colorado 81321 (565-9232)

Other Resources: None listed.

APPENDIX

306 ESEA TITLE III COLORADO STATE FACILITATOR PROJECT

As a result of a grant submitted in the Spring of 1974, a project has been funded under ESEA Title III (306) to serve as an information and facilitation source for Colorado. The project was jointly supported by a wide range of educators in the state, including BOCS groups, elements in the Colorado Department of Education, some colleges and universities, and some professional organizations. This project is one of a number of "state facilitator" projects funded through the USOE and is incorporated in a national network to promote adoption of nationally-validated innovative projects.

The Colorado Project goals are to create a system which incorporates information, dissemination and facilitation of especially good education programs, practices, organizational services and locally-developed materials.

The Colorado State Facilitator Project now has information available upon request in two categories. One set of information deals with national programs validated by the USOE's Dissemination Review Panel. The Colorado Facilitator Office will provide awareness material on these programs as well as limited financial assistance in implementation of these programs by local districts. Types of DRP programs include Interdisciplinary Programs, Special Education, Reading/Language, Learning Environments, Physical Education, Occupational Education and Administration.

Programs that are purportedly effective and reported by local districts as a result of the Fall 1974 survey are also available on request. Categories covered in the survey include: Drop-Out Programs, Community Education, Career Education, Environmental Programs, Alternative Education, Individualized Education, Alcohol and Drug Education, Pre-K Childhood Education, Special Education, Staff and Organizational Development, Scheduling, Collective Bargaining, and Open-Space Schools.

For information on this material, please contact the following people:

Duane C. Webb, Director, 306 Project
Jeannette Wilson, Project Field Co-ordinator
William Davis, Project Intern
John Tesmer, Project Intern

Colorado State Facilitator Project
830 South Lincoln
Longmont, Colorado 80501

772-4420 (Longmont)
444-2084 (Denver-Boulder)